

STS-108 LAUNCH DAY VIDEO REVIEW
KSC Photo/Video Analysis Team
05 December 2001

Significant Anomalies

None

Minor Anomalies

None.

Funnies

None.

Observations

Free burning hydrogen was visible near the vertical stabilizer (OTV 170, 141, TV-7B).

Numerous pieces of ice from the ET/ORB umbilical shook loose and contacted umbilical sill tiles, but no damage was detected (OTV 109, 163).

LH2 and LO2 T-0 umbilical disconnect was normal (OTV 149, 150).

Debris particle (probably ice from LO2 feedline support brackets or bellows) was seen falling between ET and Orbiter. Particle glances off orbiter lower surface. No damage noticed (OTV 161).

Frost was visible around -Y and +Y ET GOX vent louver (OTV 160, 161).

Pieces of aft skirt instafoam fell out of the SRB plume during flight (TV-4B, TV-13).

Notes

A total of 17 videos were made available for review.

Review of long range tracking films is scheduled to begin Thursday, December 6, 2001.

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